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# WATER SUPPLY OUTLOOK FOR OREGON

JUN 24 1975



U. S. DEPARTMENT of AGRICULTURE ★ SOIL CONSERVATION SERVICE

Collaborating with

OREGON STATE UNIVERSITY and STATE ENGINEER  
of OREGON

Data included in this report were obtained by the agencies named above in cooperation  
with Federal, State and private organizations listed inside the back cover of this report.

AS OF  
JUNE 1, 1975

## TO RECIPIENTS OF WATER SUPPLY OUTLOOK REPORTS:

Most of the usable water in western states originates as mountain snowfall. This snowfall accumulates during the winter and spring, several months before the snow melts and appears as streamflow. Since the runoff from precipitation as snow is delayed, estimates of snowmelt runoff can be made well in advance of its occurrence. Streamflow forecasts published in this report are based principally on measurement of the water equivalent of the mountain snowpack.

Forecasts become more accurate as more of the data affecting runoff are measured. All forecasts assume that climatic factors during the remainder of the snow accumulation and melt season will interact with a resultant average effect on runoff. Early season forecasts are therefore subject to a greater change than those made on later dates.

The snow course measurement is obtained by sampling snow depth and water equivalent at surveyed and marked locations in mountain areas. A total of about ten samples are taken at each location. The average of these are reported as snow depth and water equivalent. These measurements are repeated in the same location near the same dates each year.

Snow surveys are made monthly or semi-monthly from January 1 through June 1 in most states. There are about 1900 snow courses in Western United States and in the Columbia Basin in British Columbia. Networks of automatic snow water equivalent and related data sensing devices, along with radio telemetry are expanding and will provide a continuous record of snow water and other parameters at key locations.

Detailed data on snow course and soil moisture measurements are presented in state and local reports. Other data on reservoir storage, summaries of precipitation, current streamflow, and soil moisture conditions at valley elevations are also included. The report for Western United States presents a broad picture of water supply outlook conditions, including selected streamflow forecasts, summary of snow accumulation to date, and storage in larger reservoirs.

Snow survey and soil moisture data for the period of record are published by the Soil Conservation Service by states about every five years. Data for the current year is summarized in a West-wide basic data summary and published about October 1 of each year.

*Cover Photo: Cabins near Sacajawea Snow Course  
in Bridger Mountains, Montana.*

SCS PHOTO 1--P480-15

## PUBLISHED BY SOIL CONSERVATION SERVICE

The Soil Conservation Service publishes reports following the principal snow survey dates from January 1 through June 1 in cooperation with state water administrators, agricultural experiment stations and others. Copies of the reports for Western United States and all state reports may be obtained from Soil Conservation Service, West Technical Service Center, Room 111, 511 N.W. Broadway, Portland, Oregon 97209.

Copies of state and local reports may also be obtained from state offices of the Soil Conservation Service in the following states:

STATE	ADDRESS
Alaska	204 E. 5th. Ave., Room 217, Anchorage, Alaska 99501
Arizona	6029 Federal Building, Phoenix, Arizona 85025
Colorado (N. Mex.)	P. O. Box 17107, Denver, Colorado 80217
Idaho	Room 345, 304 N. 8th. St., Boise, Idaho 83702
Montana	P. O. Box 98, Bozeman, Montana 59715
Nevada	P. O. Box 4850, Reno Nevada 89505
Oregon	1218 S. W. Washington St., Portland, Oregon 97205
Utah	4012 Federal Bldg., 125 South State St., Salt Lake City, Utah 84138
Washington	360 U.S. Court House, Spokane, Washington 99201
Wyoming	P. O. Box 2440, Casper, Wyoming 82601

## PUBLISHED BY OTHER AGENCIES

Water Supply Outlook reports prepared by other agencies include a report for California by the Water Supply Forecast and Snow Surveys Unit, California Department of Water Resources, P. O. Box 388, Sacramento, California 95802 --- and for British Columbia by the Department of Lands, Forests and Water Resources, Water Resources Service, Parliament Building, Victoria, British Columbia



# **WATER SUPPLY OUTLOOK FOR OREGON**

and  
FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

*Issued*

JUNE 8, 1975

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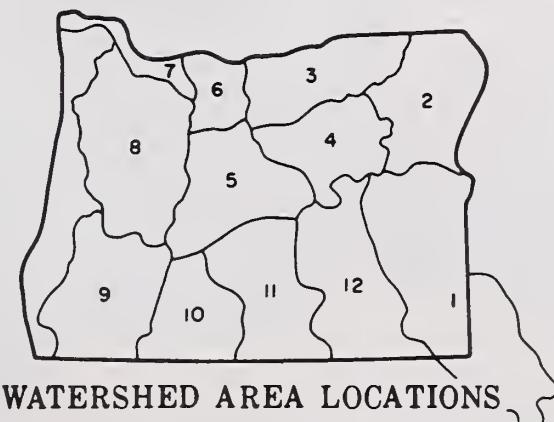
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## WATER SUPPLY PROSPECTS

A horizontal scale from 1 to 5 with five colored boxes corresponding to the following descriptions:

- Much Above Average
- Above Average
- Near Average
- Below Average
- Much Below Average
- Not Forecast

A map of the Great Lakes region, specifically focusing on Lakes Michigan, Huron, and Superior. The map shows the relative positions of the three lakes and their connecting channels. Latitude lines are marked at 43° and 44° N, and longitude lines are marked at 80° and 85° W. A scale bar indicates distances up to 60 miles, with labels at 0, 20, 40, and 60. A north arrow is present in the upper right corner.

A map showing the location of the South Park Elk area. The area is bounded by the South Park River to the west and the Owyhee River to the east. The map includes a compass rose indicating North, South, East, and West directions. Two grid lines are shown: 42°N latitude and 115°W longitude. A shaded area represents the elk range.

**WATER SUPPLY PROSPECTS FOR OREGON**  
Spring and Summer Period  
JUNE 1, 1975

## WATER SUPPLY PROSPECTS FOR OREGON

Spring and Summer Period

JUNE 1, 1975

# WATER SUPPLY OUTLOOK for OREGON

JUNE 1, 1975

Water supplies will be excellent throughout the state this summer. The snow melt was delayed about 1 month due to earlier cold spring temperatures. Stored water supplies are more than adequate and there should be excellent carryover supplies for next year.

## SNOW COVER

The only snow left in the mountain watersheds is at the highest elevations. The crest of the Oregon Cascades has a much above average snow cover for June 1 with the snow at the median elevations essentially gone. The snowpack at Snow Mountain (6200' Harney county) melted out on June 3. This should generally be indicative of conditions in eastern Oregon around June 1.

## PRECIPITATION

After 3 months of much above normal precipitation, the rainfall trend has reversed itself. Rainfall over the state during May varied from a low of near 20% of normal in Klamath Lake and Malheur Counties up to a high of 80% in the Willamette Valley.

## RESERVOIR STORAGE

Most irrigation reservoirs were essentially full as of June 1. Twenty six reservoirs are currently storing 2,992,000 acre feet of water. This is 93% of capacity and 118% of average.

## STREAMFLOW

Warm temperatures during May finally started the delayed snow melt runoff. Many streams will produce volumes much higher than normal for the May-July period because

continued on next page-

runoff which normally would have occurred during April was delayed one month due to earlier cold temperatures. The inflow to Owyhee reservoir during May was 485% of average. This was an all time record for the month exceeding the previous record of 1952 which was 450% of average.

This report contains data furnished by the Oregon State Engineer, U. S. Geological Survey, NOAA National Weather Service, and other cooperators.



JUNE 1, 1975

## STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR		PAST RECORD		
	FORECAST		FORECAST PERIOD	THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year	Average <sup>i</sup>
OWYHEE, MALHEUR WATERSHEDS					
Malheur near Drewsey	91	284	May-July	32	
	93	282	May-Sept.	33	
Malheur, North Fork at Beulah <sup>d</sup>	62	177	May-July	35	
	67	168	May-Sept.	40	
Owyhee Reservoir net Inflow <sup>k</sup>	600	382	May-July	147	157
	623	346	May-Sept.	170	180
BURNT, POWDER, PINE, GRANDE RONDE, IMNAHA WATERSHEDS					
Bear near Wallowa	72	124	May-Sept.	58	
Burnt near Hereford <sup>d</sup>	50	362	May-July	13.8	
	52	351	May-Sept.	14.8	
Catherine near Union	66	124	May-Sept.	84	53
Eagle Creek abv. Skull Creek	180	118	May-July	250	152
	196	118	May-Sept.	274	166
Grande Ronde at La Grande	147	160	May-July	136	92
	151	157	May-Sept.	139	96
Hurricane near Joseph	53	121	May-Sept.	61	44
Imnaha at Imnaha	306	121	May-Sept.	385	253
Lostine near Lostine	145	124	May-Sept.	166	117
Powder near Sumpter	52	130	May-July		40
	54	132	May-Sept.		41
Wallowa, East Fork near Joseph <sup>d</sup>	10.0	118	May-July	11.2	8.5
	13.0	122	May-Sept.	14.2	10.7
UMATILLA, WALLA WALLA, WILLOW, ROCK, LOWER JOHN DAY WATERSHEDS					
Birch Creek at Rieth	10.2	143	May-July	7.1	
Butter Creek near Pine City	3.8	112	May-July	3.4	
McKay near Pilot Rock	13.5	153	May-Sept.	8.8	
Umatilla near Gibbon	55	140	May-July	39	
	63	140	May-Sept.	45	
Umatilla at Pendleton	80	118	May-July	68	
Walla Walla, South Fork near Milton	53	106	May-Sept.	51	
UPPER JOHN DAY WATERSHEDS					
Camas Creek near Ukiah	19.5	120	May-July	16.2	
	19.8	119	May-Sept.	16.7	
John Day, Middle Fork at Ritter	94	140	May-July	67	
	98	140	May-Sept.	70	
John Day, North Fork at Monument	476	140	May-July	340	
	496	140	May-Sept.	354	
Strawberry near Prairie City	8.9	137	May-July	6.5	
	9.2	128	May-Sept.	7.2	
UPPER DESCHUTES, CROOKED WATERSHEDS					
Beaver Creek near Paulina	6.9	157	May-July	4.4	
	7.4	160	May-Sept.	4.6	
Crane Prairie Reservoir Total Inflow	99	155	May-July	64	
	154	147	May-Sept.	105	
Crescent at Crescent Lake <sup>d</sup>	26	167	May-July	15.6	
	33	168	May-Sept.	19.6	
Crooked near Post	110	343	May-July	32	
Deschutes at Benham Falls <sup>d</sup>	353	126	May-July	281	
	549	116	May-Sept.	471	
Deschutes below Snow Creek	79	142	May-Sept.	56	
Deschutes, Little near La Pine <sup>d</sup>	86	162	May-July	53	
	98	156	May-Sept.	63	
Ochoco Reservoir net Inflow	18.5	201	May-Sept.	9.2	
Odell near Crescent	38	164	May-Sept.	23	
Squaw near Sisters	56	122	May-Sept.	46	
Tumalo near Bend <sup>d</sup>	53	137	May-Sept.	39	

JUNE 1, 1975

## STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR		PAST RECORD	
	FORECAST		FORECAST PERIOD	THOUSAND ACRE FEET
	Thousand Acre Feet	Percent of Average		Last Year
HOOD, MILE CREEKS, LOWER DESCHUTES WATERSHEDS				
Hood River near Tucker Bridge	188	100	May-July	188
	239	102	May-Sept.	234
Hood, West Fork near Dee	88	104	May-July	85
	112	105	May-Sept.	107
White below Tygh Valley	113	144	May-July	79
	122	130	May-Sept.	94
LOWER COLUMBIA WATERSHEDS				
Columbia at The Dalles <sup>d</sup>	85,300	111	May-July	76,822
	101,000	110	May-Sept.	91,430
Sandy River near Marmot	227	100	May-July	227
	282	100	May-Sept.	282
WILLAMETTE WATERSHEDS				
Clackamas at Estacada	470	105	May-July	447
	589	105	May-Sept.	562
Clackamas above Three Lynx	360	105	May-July	343
	455	104	May-Sept.	440
McKenzie at McKenzie Bridge	341	104	May-July	329
	493	104	May-Sept.	474
McKenzie near Vida	779	108	May-July	720
	1022	108	May-Sept.	947
McKenzie, So. Fork near Rainbow <sup>d</sup>	168	120	May-July	140
	205	121	May-Sept.	169
Oak Grove Fork above Power Intake	93	104	May-July	89
	133	104	May-Sept.	128
Row near Dorena	67	125	May-July	53
	72	125	May-Sept.	58
Santiam, North at Mehama <sup>d</sup>	542	110	May-July	493
	637	106	May-Sept.	600
Santiam, South at Waterloo <sup>d</sup>	350	108	May-July	323
	383	100	May-Sept.	382
Willamette, Mid. Fk. Blw. N. Fk. nr Oakridge	610	132	May-July	462
	715	127	May-Sept.	562
Willamette, No. Fk. of Mid. Fk. near Oakridge	152	126	May-July	121
	170	121	May-Sept.	141
Willamette at Salem <sup>d</sup>	3090	118	May-July	2619
	3671	116	May-Sept.	3165
ROGUE, UMPQUA WATERSHEDS				
Applegate near Copper	105	130	May-July	81
	120	137	May-Sept.	87
Clearwater above Trap Creek <sup>d</sup>	74	129	May-Sept.	57
Fourmile Lake net Inflow <sup>d</sup>	7.5	251	May-July	3.0
Hyatt Reservoir net Inflow <sup>d</sup>	6.5	295	May-July	2.2
Illinois River near Kerby	105	115	May-July	91
	108	112	May-Sept.	97
Little Butte, N. Fk. at Fish Lake nr. Lake Cr. <sup>d</sup>	16.0	138	May-Sept.	11.6
Little Butte, S. Fk. near Lake Creek	31	192	May-July	16.1
	33	179	May-Sept.	18.4
Rogue above Prospect	247	134	May-July	184
	312	131	May-Sept.	239
Rogue, South Fork near Prospect <sup>d</sup>	64	140	May-July	46
	82	145	May-Sept.	56
Rogue at Raygold near Central Point	671	136	May-July	696
	907	140	May-Sept.	882
Rogue at Grants Pass	798	127	May-Sept.	627
Umpqua, No. blw. Lemolo Res. nr. Toketee Falls <sup>d</sup>	176	127	May-Sept.	139

JUNE 1, 1975

## STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR		PAST RECORD	
	FORECAST		FORECAST PERIOD	THOUSAND ACRE FEET
	Thousand Acre Feet	Percent of Average		Last Year
KLAMATH WATERSHEDS				
Clear Lake Reservoir Inflow <sup>k</sup>	40	265	May-Sept.	15.1
Gerber Reservoir Inflow <sup>k</sup>	17.0	354	May-Sept.	4.8
Sprague near Chiloquin	232	140	May-Sept.	166
Upper Klamath Lake net Inflow <sup>k</sup>	440	125	May-Sept.	353
Williamson below Sprague River	368	128	May-Sept.	287
LAKE COUNTY, GOOSE LAKE WATERSHEDS				
Chewaucan near Paisley	85	152	May-July	56
	90	150	May-Sept.	60
Deep above Adel	64	149	May-July	43
	68	151	May-Sept.	45
Drews Reservoir net Inflow <sup>d</sup>	17.0	175	May-July	9.7
Honey Creek near Plush	17.0	150	May-July	11.3
	17.1	150	May-Sept.	11.4
Twentymile near Adel	13.5	126	May-July	10.7
	14.0	126	May-Sept.	11.1
HARNEY BASIN WATERSHEDS				
Donner und Blitzen near Frenchglen	48	129	May-July	37
	53	126	May-Sept.	42
Silver near Riley	7.1	140	May-July	5.1
Silvies River near Burns	56	170	May-July	33
	56	163	May-Sept.	35
Trout Creek near Denio	7.1	122	May-July	5.8
	7.4	120	May-Sept.	6.2

(a) Assuming normal meteorological conditions. (b) No report. (c) Not scheduled. (d) Corrected to natural flow. (e) Aerial snow depth gage, water content estimated. (f) Nearest current data. (g) Partly estimated. (h) 1958-72, adjusted average. (i) 1958-72, 15 year average. (j) Telephonic report - data not confirmed. (k) Data from PP&L Co. or USBR records. (m) Average for 5 or more years in base period.

JUNE 1, 1975

## RESERVOIR STORAGE (Thousand Ac. Ft.) END OF MONTH

RESERVOIR	Usable Capacity	Usable Storage			i
		This Year	Last Year	Average	
OWYHEE, MALHEUR WATERSHEDS					
Antelope	70.0	61.8	60.7	46.7 <sup>m</sup>	
Beulah Reservoir	60.0	59.4	58.1	49.0	
Bully Creek	30.0	28.1	27.6	21.4	
Owyhee	715.0	710.0	693.4	549.9	
Warmsprings	191.0	186.2	186.1	136.2	
BURNT, POWDER, PINE, GRANDE RONDE, IMNAHA WATERSHEDS					
Phillips Lake	73.5	71.9	75.4	--	
Thief Valley	17.4	17.4	17.4	16.7	
Unity	25.2	24.6	25.7	22.8	
Wallowa Lake	37.5	31.6	26.1	30.2	
UMATILLA, WALLA WALLA, WILLOW, ROCK, LOWER JOHN DAY WATERSHEDS					
Cold Springs	50.0	49.7	49.9	47.8	
McKay	73.8	67.8	67.7	60.7	
UPPER DESCHUTES, CROOKED WATERSHEDS					
Crane Prairie	55.3	56.4	51.7	38.0	
Crescent Lake	86.9	90.0	89.0	54.3	
Ochoco	47.5	44.2	45.3	35.9	
Prineville	153.0	151.2	153.1	146.0	
Wickiup	200.0	180.0	183.9	165.9	
HOOD, MILE CREEKS, LOWER DESCHUTES WATERSHEDS					
Clear Lake (Wasco)	11.9	6	9.0	5.8	
WILLAMETTE WATERSHEDS					
Blue River	85.6*	79.9	78.6	--	
Cottage Grove	30.0*	28.6	28.7	27.3	
Cougar	155.2*	145.3	141.5	141.2 <sup>m</sup>	
Detroit	299.9*	265.7	272.1	281.1	
Dorena	70.5*	65.4	64.7	64.3	
Fall Creek	115.0*	109.8	107.1	108.1 <sup>m</sup>	
Fern Ridge	94.2*	94.6	95.2	89.5	
Foster	30.0*	25.1	25.4	24.6 <sup>m</sup>	
Green Peter	270.0*	248.5	243.9	250.9 <sup>m</sup>	
Hills Creek	200.0*	197.9	190.4	185.6 <sup>m</sup>	
Lookout Point	337.2*	306.4	284.7	306.3	
Timothy Lake	61.7	58.2	59.5	61.4	
Henry Hagg Lake	53.0	52.9	--	--	

\*Multiple purpose reservoir--space reserved primarily for flood runoff.

## RESERVOIR STORAGE (Thousand Ac. Ft.) END OF MONTH

RESERVOIR	Usable Capacity	Usable Storage			i
		This Year	Last Year	Average	
ROGUE, UMPQUA WATERSHEDS					
Emigrant Lake	39.0	38.6	36.4	35.2*	
Fish Lake	8.0	8.1	7.3	6.5	
Fourmile Lake	16.1	14.4	11.2	11.9	
Howard Prairie	60.0	60.6	60.6	48.6 <sup>m</sup>	
Hyatt Prairie	16.1	16.2	16.2	14.7	
KLAMATH WATERSHEDS					
Clear Lake	440.2	377.2	371.0	258.0	
Gerber	94.0	91.6	84.9	63.8	
Upper Klamath Lake	584.0	495.7	556.6	534.7	
LAKE COUNTY, GOOSE LAKE WATERSHEDS					
Cottonwood	8.7	8.7	28.7	27.3	
Drews	63.0	64.4	61.0	53.1	
*Average for years of record (in base period) after reconstruction.					

(a) Assuming normal meteorological conditions. (b) No report. (c) Not scheduled. (d) Corrected to natural flow. (e) Aerial snow depth gage, water content estimated. (f) Nearest current data. (g) Partly estimated. (h) 1958-72, adjusted average. (i) 1958-72, 15 year average. (j) Telephonic report - data not confirmed. (k) Data from PP&L CO. or USBR records. (m) Average for 5 or more years in base period.

+ 1958=1972 period.

JUNE 1, 1975

**SNOW**

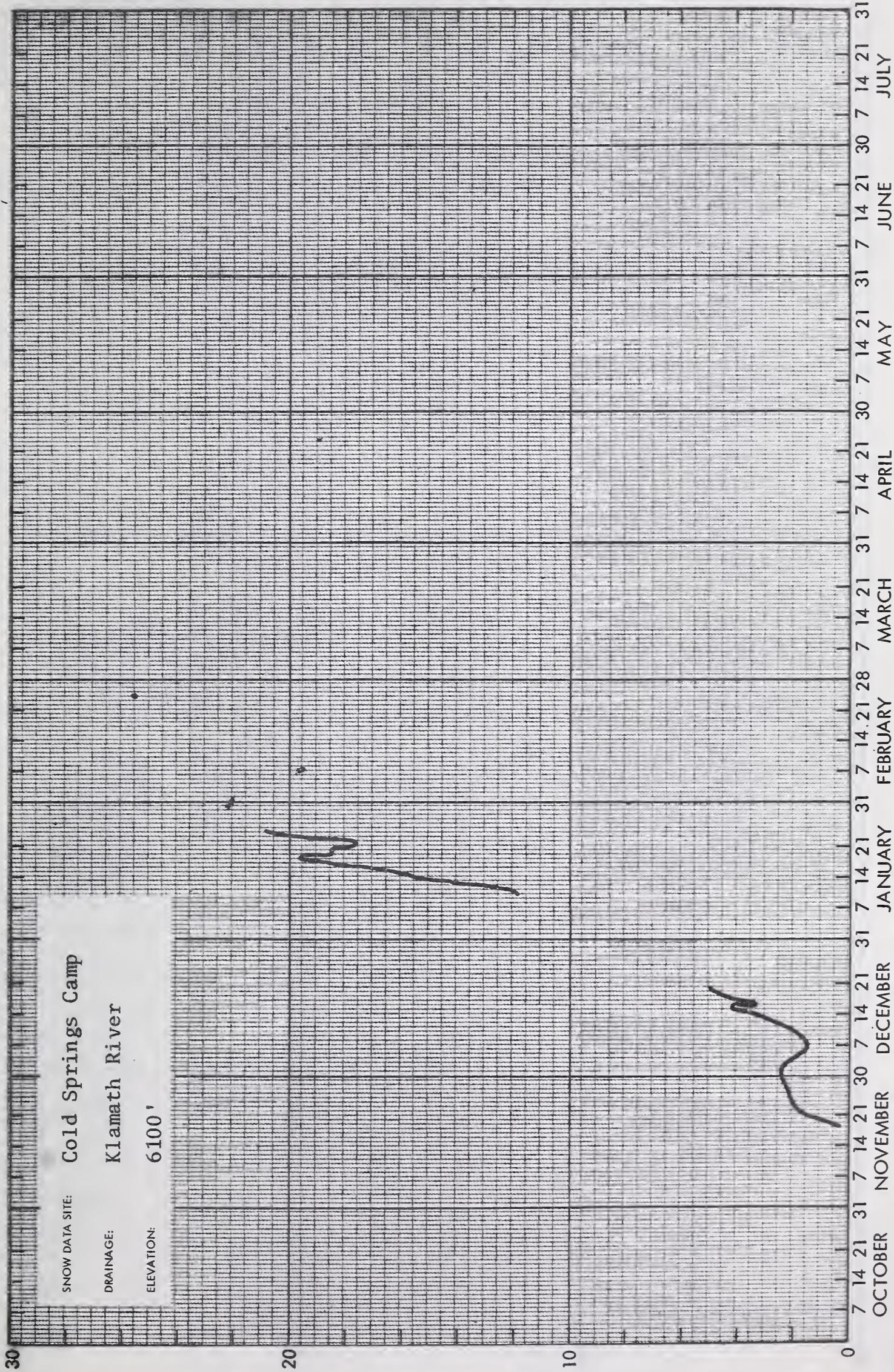
DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR		PAST REC.	
	Date of Survey	Snow Depth (In.)	Water Cont (In.)	Water Content (inches)
			Last Yr.	Ave. <sup>j</sup>
Annie Spring	6/1	92	47.2	61.5 --
Bald Peter	5/28	74	37.2	50.8 --
Cascade Summit	5/30	48	24.0	27.6 7.5 <sup>m</sup>
Detroit (Town)	5/30	0	0.0	0.0 0.0
Detroit Dam	5/30	0	0.0	0.0 0.0
Hogg Pass	5/30	76	38.3	56.7 22.7 <sup>m</sup>
Hungry Flat	5/29	0	0.0	0.0 0.0 <sup>m</sup>
Laurel Mountain	6/1	0	0.0	-- --
Lionshead <sup>e</sup>	5/29	0	0.0	-- --
Lookout Point Dam	5/30	0	0.0	0.0 0.0 <sup>h</sup>
Marion Forks	5/30	0	0.0	0.0 0.0 <sup>m</sup>
McCredie Springs	5/30	0	0.0	0.0 0.0 <sup>h</sup>
Mill City	5/30	0	0.0	0.0 0.0
New Dutchman Flat #2	5/29	110	62.4	77.2 40.0 <sup>m</sup>
Oakridge	5/30	0	0.0	0.0 0.0
Park Headquarters	5/31	133	73.2	92.4 --
Racing Creek	5/28	0	0.0	4.6 --
Railroad Overpass	5/30	0	0.0	0.0 0.0 <sup>h</sup>
Salt Creek Falls	5/30	10	5.2	2.5 1.1 <sup>m</sup>
Santiam Junction	5/30	0	0.0	8.1 0.3 <sup>m</sup>
Tangent	5/29	21	9.4	9.6 0.0 <sup>m</sup>
Valsetz Summit	6/1	0	0.0	-- --
Whitewater Bridge	5/30	0	0.0	0.0 0.0 <sup>h</sup>
Whitewater Meadow <sup>e</sup>	5/29	0	0.0	-- --

**SNOW**

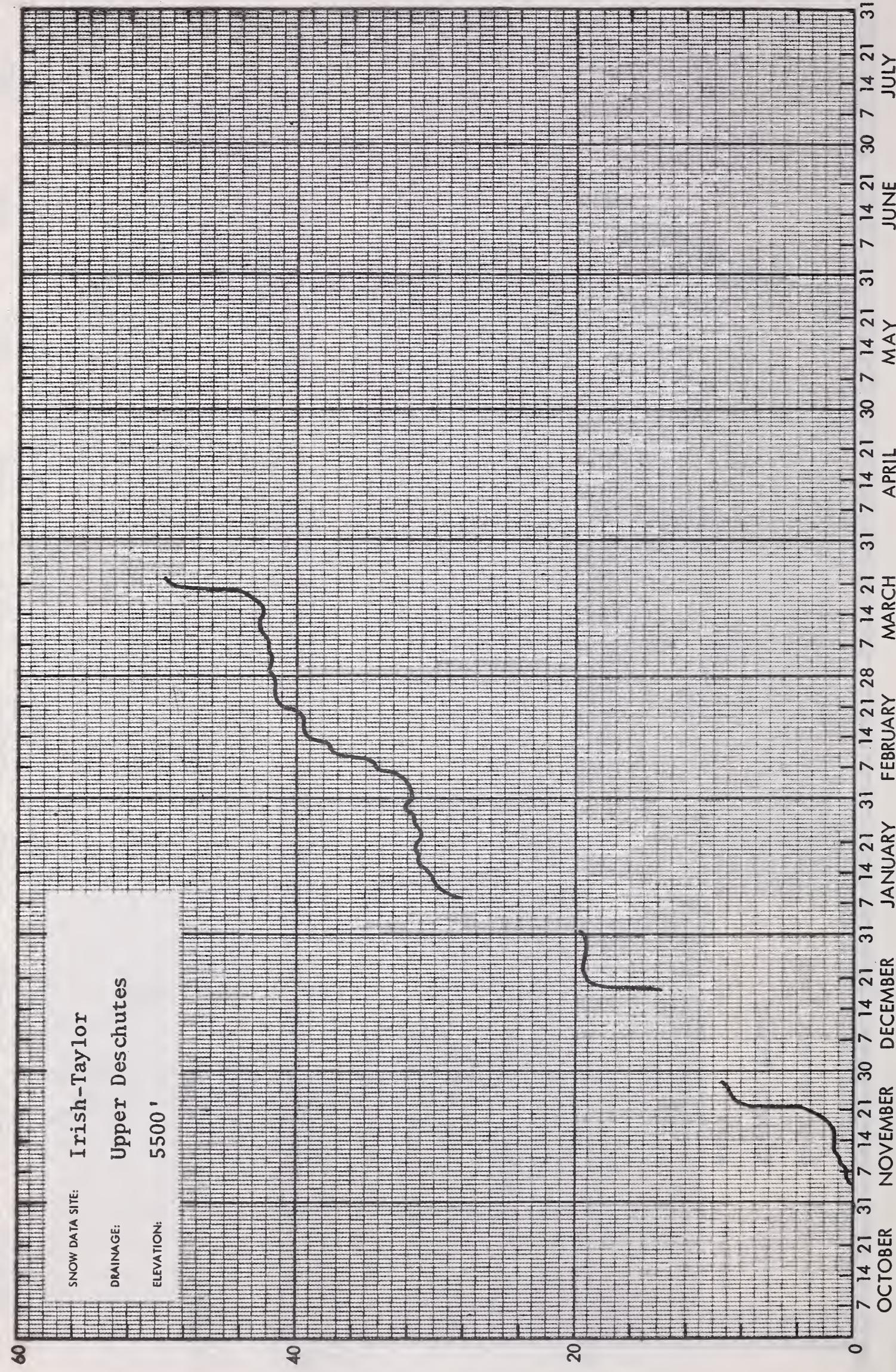
DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR		PAST REC.	
	Date of Survey	Snow Depth (In.)	Water Cont. (In.)	Water Content (inches)
			Last Yr.	Ave <sup>+f</sup>

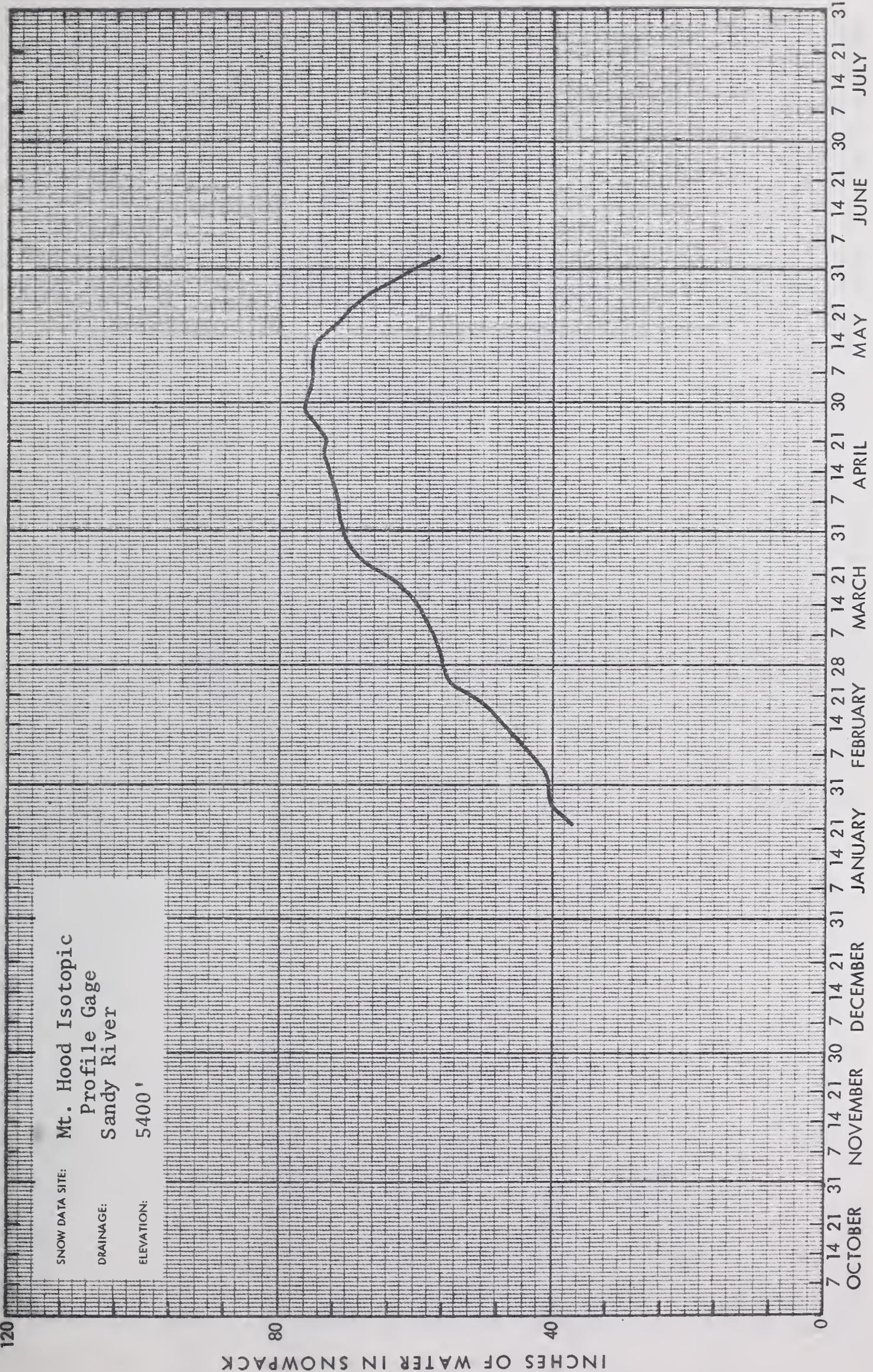
(a) Assuming normal meteorological conditions. (b) No report. (c) Not scheduled. (d) Corrected to natural flow. (e) Serial snow depth gage, water content estimated. (f) Nearest current data. (g) Partly estimated. (h) 1958-72, adjusted average. (i) 1958-72, 15 year average. (j) Telephonic report - data not confirmed. (k) Data from P&L Co. or USBR records. (m) Average for 5 or more years in base period.

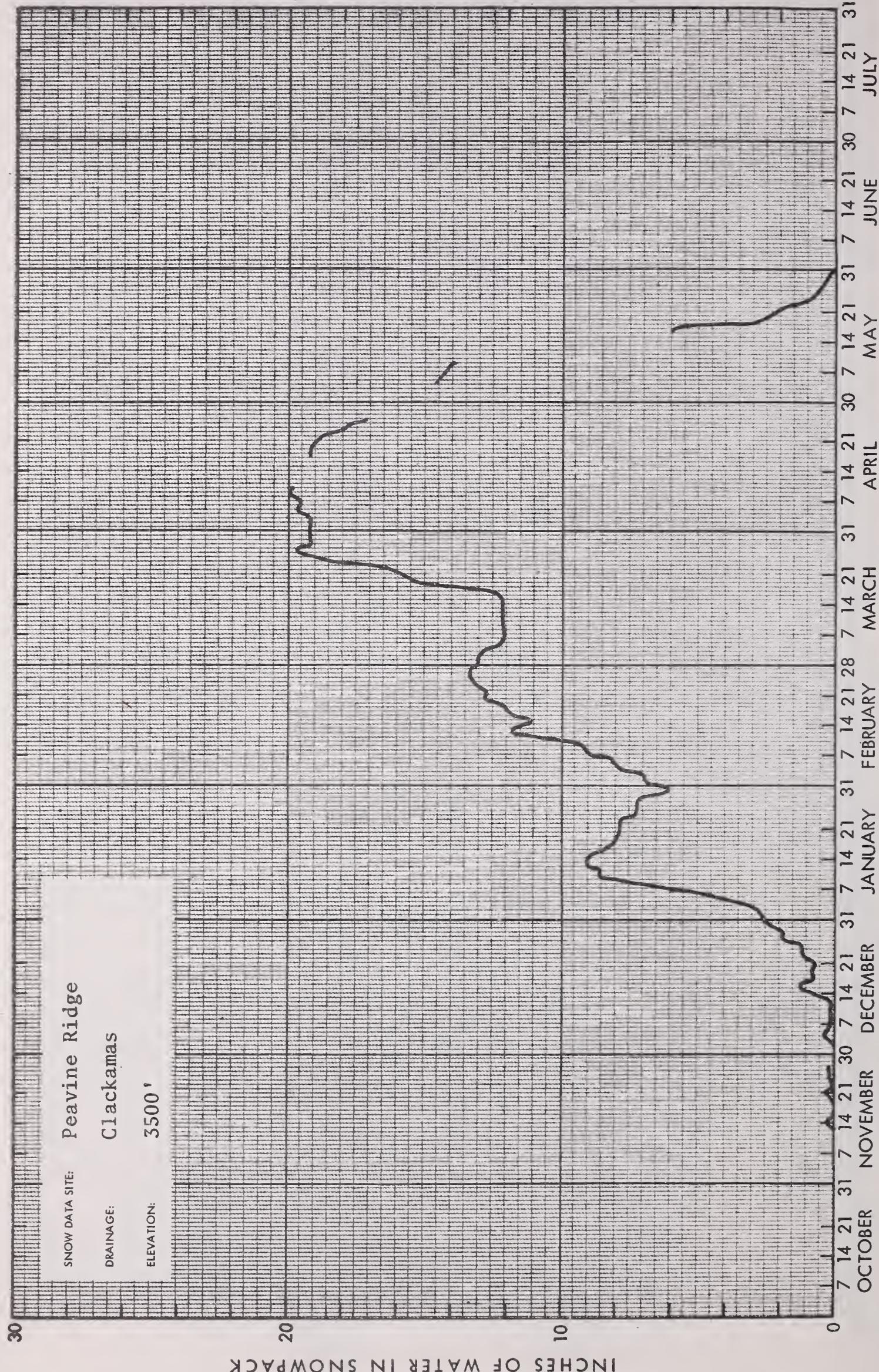


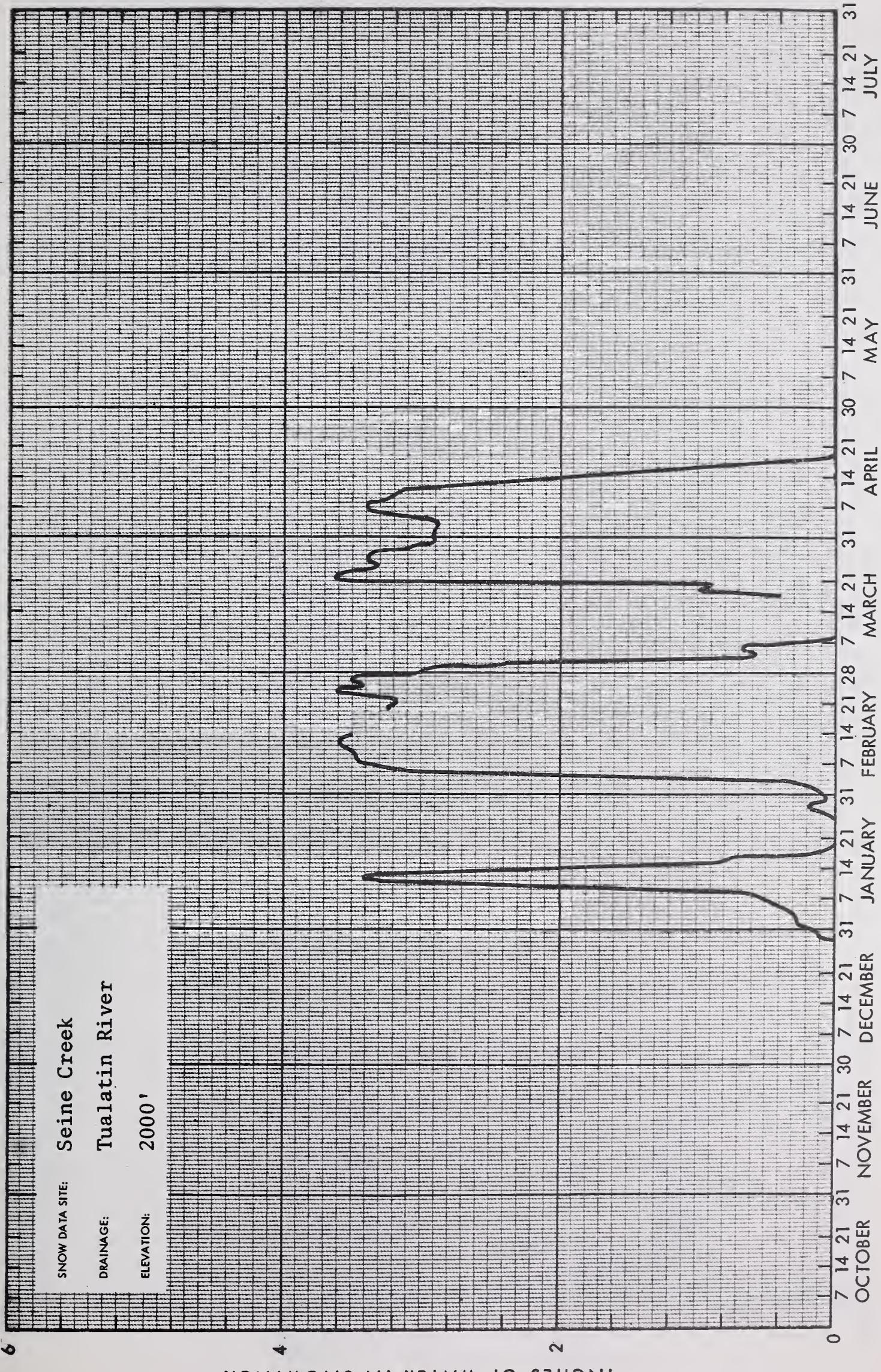


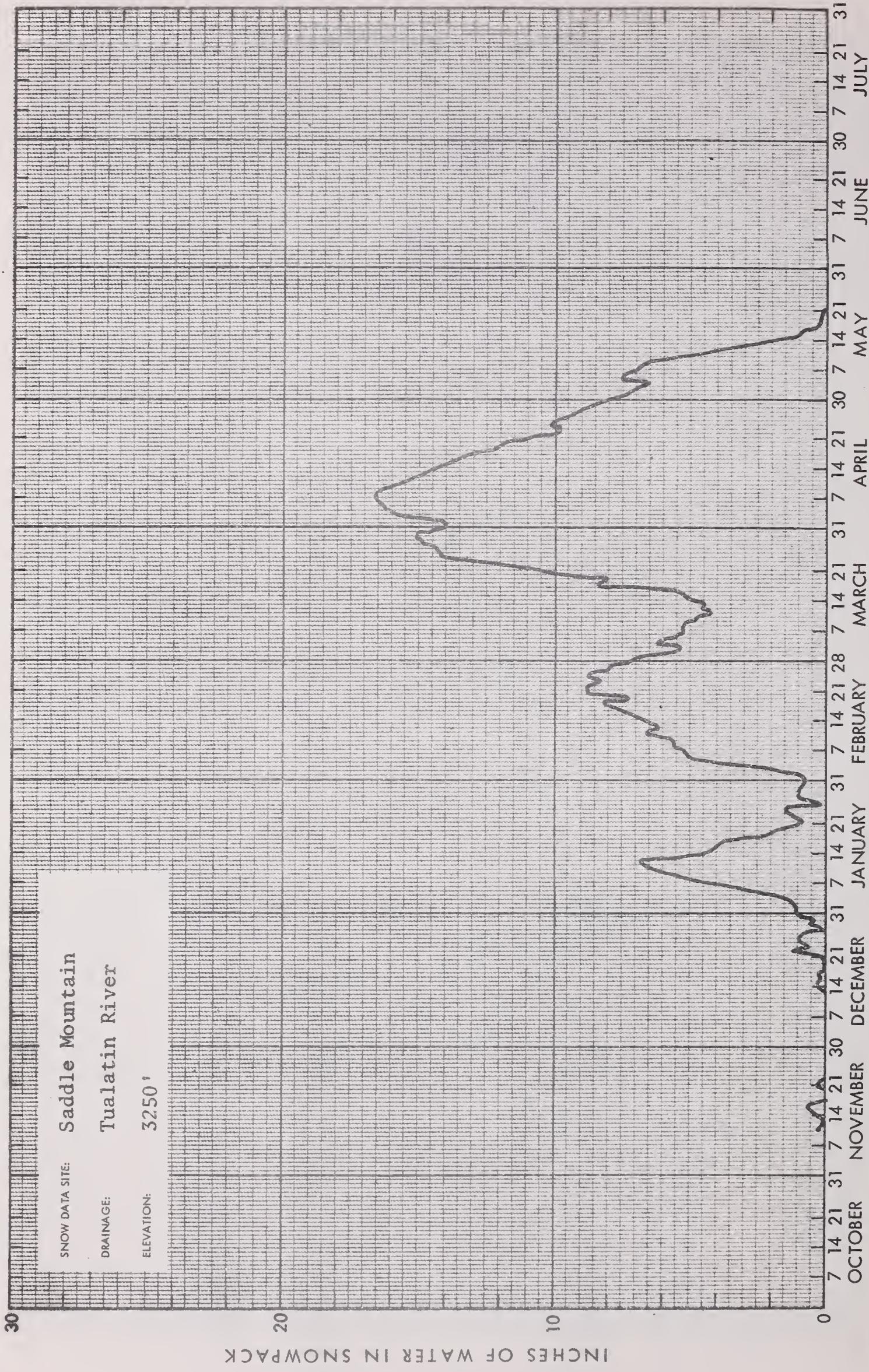
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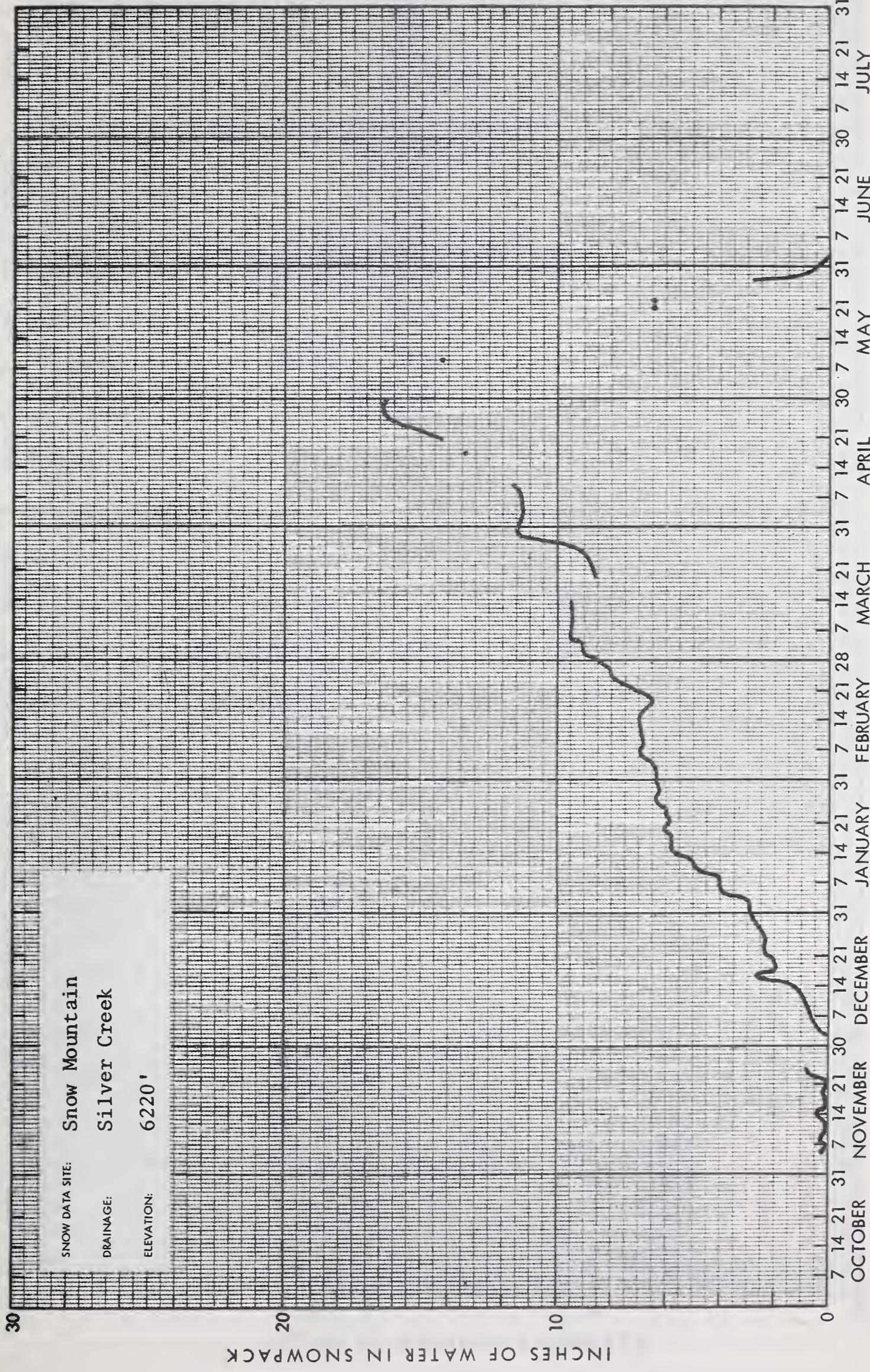












SNOW DATA SITE: Summit Lake  
DRAINAGE: Middle Fork Willamette  
ELEVATION: 5600'

INCHES OF WATER IN SNOWPACK

Month	Water Level (inches)
OCTOBER	14
NOVEMBER	21
DECEMBER	31
JANUARY	7
FEBRUARY	14
MARCH	21
APRIL	31
MAY	7
JUNE	14
JULY	21

Appendix 1

PREVIOUSLY UNPUBLISHED OREGON SNOW SURVEY DATA  
1974-75 Season

SNOW COURSE Name	No.	Date	Depth (In.)	Water (In.)
Blue Mountain Springs	18E16	5/1/75	54	23.0
Cold Springs Camp	22G24	2/10/75	90	0.0
Crane Prairie	18E19	5/1/75	29	4.8
Eldorado Pass	18E20	4/29/75	0	0.0
Izee Summit	19E09	4/30/75	24	11.2
Lionshead (aerial)	21E25	12/28/74	24	5.0
Rock Spring	18F1	4/30/75	15	5.8
Starr Ridge	19E7	4/30/75	20	8.1
Summer Rim Pillow (manometer)	20G2	2/27/75	--	19.4
Whitewater Meadow (aerial)	21E24	12/16/74 12/28/74	0 12	0.0 2.5

SOIL MOISTURE  
PREVIOUSLY UNPUBLISHED

SOIL MOISTURE STATION Name	No.	Date	SOIL MOISTURE This Year
Battle Mountain Summit	18D12	10/31/74	10.4
		12/4/74	10.4
Blue Mountain Springs	18E16	8/30/74	5.5
		11/4/74	5.7
Blue Mountain Summit	18E13	10/23/74	8.0
		11/24/74	8.2
Derr	19E3	10/29/74	3.5
Dooley Mountain	17E1	10/23/74	2.2
		11/27/74	2.3
Emigrant Springs	18D4	12/30/74	14.5
		10/31/74	13.1
Marks Creek	20E1	10/29/74	7.6
		11/29/74	7.8
		5/29/75	13.2
Quartz Mountain	20G6	12/3/74	5.9
Starr Ridge	19E7	8/30/74	7.1
		11/4/74	6.1
Tollgate	18D3	11/1/74	11.8
		12/2/74	15.6
		12/27/74	16.2
		1/30/75	17.2

ERRATA: 1975 SNOW MEASUREMENTS PUBLISHED IN ERROR

SNOW COURSE Name	No.	Date	Depth (In.)	Water (In.)
Lake Creek R.S.	18E18			
Previously Published		5/1/75	42	20.4
Corrected Data		5/1/75	29	11.6

ERRATA: 1975 RESERVOIR STORAGE MEASUREMENTS PUBLISHED IN ERROR

RESERVOIR Name	Report	Usable Storage
Clear Lake (Wasco)		
Previously Published	April	11.4
Correct Data	April	10.2

## Appendix 2

SNOW SURVEYS AT RADIO TELEMETRY SITES  
for Calibration Purposes

TELEMETRY SITE Name	No.	Date	Depth (In.)	Water (In.)
Blue Mountain Springs	18E16	12/23/74	19	3.8
		1/31/75	28	8.8
		2/25/75	49	14.7
		3/27/75	61	16.1
Fish Creek	18G2	3/1/75	73	23.2
		3/31/75	97	35.2
Mud Ridge Pillow	21D9	4/29/75	78	34.5
Silvies	18G1	3/1/75	45	16.2
		3/31/75	70	28.0
Snow Mountain	19F1	2/26/75	44	12.6
		3/27/75	51	10.0
Summer Rim	20G2	2/27/75	51	16.7
		3/26/75	79	19.7
Summit Lake	22F14	1/28/75	84	29.0
Tipton	18E9	12/30/74	34	6.3
		1/31/75	36	10.7
		2/25/75	52	15.0
		3/26/75	62	18.3



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### STATE

Idaho Cooperative Snow Surveys  
Nevada Cooperative Snow Surveys  
Oregon State University  
Oregon State Engineer and Corps of State Watermasters  
Oregon State Highway Engineers  
Soil and Water Conservation Districts of Oregon

### COUNTY

Douglas County Water Resources Survey

### FEDERAL

Department of Agriculture  
Cooperative Extension Service  
Forest Service  
Soil Conservation Service  
Department of Commerce  
NOAA, National Weather Service  
Department of the Interior  
Bonneville Power Administration  
Bureau of Land Management  
Bureau of Reclamation  
Fish and Wildlife Service  
Geological Survey  
National Park Service  
Department of National Defense  
Corps of Army Engineers.

### PUBLIC UTILITIES

Pacific Power and Light Company  
Portland General Electric Company  
California-Pacific Utilities Company

### MUNICIPALITIES

City of Baker  
City of La Grande  
City of The Dalles  
City of Walla Walla

### IRRIGATION DISTRICTS

Arnold Irrigation District  
Associated Ditch Companies  
Burnt River Irrigation District  
Central Oregon Irrigation District  
East Fork Irrigation District  
Grants Pass Irrigation District  
Hood River Irrigation District  
Jordan Valley Irrigation District  
Juniper Flat Irrigation District  
Lakeview Water Users, Incorporated  
Medford Irrigation District  
Middle Fork Irrigation District  
North Board of Control - Owyhee Project  
North Unit Irrigation District  
Ochoco Irrigation District  
Rogue River Valley Irrigation District  
South Board of Control - Owyhee Project  
Squaw Creek Irrigation District  
Talent Irrigation District  
Tumalo Project  
Vale-Oregon Irrigation District  
Warmsprings Irrigation District

### PRIVATE ORGANIZATIONS

The Crag Rats, Hood River, Oregon

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